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IN THE CLAIMS

1. (Currently Amended) A method for ~~reducing~~preventing water and gas migration flow during the cementing of a borehole which penetrates a subterranean formation wherein the temperature of said formation is in the range of from about 40°F to about ~~100~~75°F, said method comprising forming a slurry of hydraulic cement in water, ~~said slurry having increased gel strength development, a reduced gel time and a density ranging between 0.9 and 3 g/cm³~~, placing said slurry in said borehole adjacent said formation and permitting said slurry to set in said borehole; and wherein said slurry is comprised of water, hydraulic cement, a dispersant, and a set-accelerating admixture comprising an alkali or alkaline earth metal nitrate and an alkali or alkaline earth metal nitrite, and wherein said slurry is not foamed the slurry has a transition time from 100 to 500 lbf/100ft² such that water flow is prevented.
2. (Original) The method of claim 1, wherein said set-accelerating admixture comprises calcium nitrate and calcium nitrite salts in a weight ratio of from about 1:3 to about 3:1.
3. (Previously presented) The method of claim 2, wherein said set-accelerating admixture comprises calcium nitrate and calcium nitrite salts in a weight ratio of about 1:1.
4. (Original) The method of claim 1, wherein said set-accelerating admixture further comprise glycols.
5. (Previously presented) The method of claim 4, wherein said glycols are C2 to C6 aliphatic di- or tri-hydric glycols.
6. (Original) The method of claim 5, wherein said glycol is diethylene glycol.
7. (Original) The method of claim 1, wherein said set-accelerating admixture further comprise alkanolamines.
8. (Original) The method of claim 7, wherein said alkanolamines are selected from the group consisting of compounds having the formula: